

Federal Communications Commission

DIGITAL REPLACEMENT TRANSLATOR BROADCAST STATION CONSTRUCTION PERMIT

Licensee/Permittee

BOARD OF TRUSTEES OF SOUTHERN ILLINOIS UNIVERSITY
 1003 COMMUNICATIONS BUILDING
 MAILCODE 6602
 CARBONDALE, IL, 62901

Call Sign File Number
 WSIU-TV 0000107828

Facility ID: 4297
NTSC TSID: 990
Digital TSID: 991
This Permit Modifies License File No. BDRTEDT-20100830ABG

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|--|---|------------------------------|
| Grant Date 05/11/2020 | Expiration Date 05/15/2020 | |
| Hours of Operation Unlimited | | |
| Station Location City CARBONDALE State IL | Frequency (MHz) 554.0 - 560.0 | Station Channel 28 |

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| Antenna Structure Registration Number 1005390 | |
| Transmitter Type Accepted. See Sections 74.750 of the Commission's Rules. | Transmitter Output Power(kW) As required to achieve authorized ERP. |
| Antenna Coordinates Latitude 37-24-23.0 N Longitude 89-33-44.0 W | Antenna Type Directional |
| Description of Antenna Make AND Model ALP8WR | Major Lobe Directions 85.0 325.0 |

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| Antenna Beam Tilt (Degrees Electrical) 1 | Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable |
| Maximum Effective Radiated Power (Average) 5 kW 6.99 DBK | |
| Height of Radiated Center Above Ground (Meters) 129.5 | Height of Radiated Center Above Mean Sea Level (Meters) 345.9 |
| Out-Of-Channel Emission Mask Stringent | Overall Height of Antenna Structure Above Ground (Meters) See the registration for this antenna structure. |

Waivers/Special Conditions

- This authorization is subject to the condition that low power television is a secondary service, and that low power television and television translator stations must not cause interference to the reception of existing or future full service television stations on either allotted NTSC or DTV channels, and must accept interference from such stations.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.